

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (canceled)

2. (canceled)

3. (canceled)

4. (previously presented) A production method of an absorption refrigerator using a refrigerant and its absorption solution, comprising:

heating a surface of at least a part of a heat exchanger and high temperature regenerator in an atmosphere in which an oxygen partial pressure or steam partial pressure is higher than atmospheric air, to form an oxide film thereon, said oxide film being in contact with said absorption solution and protecting said surface from corrosion due to said absorption solution during operation of the absorption refrigerator.

5. (previously presented) A production method of an absorption refrigerator using a refrigerant and its absorption solution, comprising:

oxidizing a surface of at least a part of a heat exchanger and high temperature regenerator at a temperature of 200-800°C in atmosphere; and

adjusting the heating temperature and heating retaining time so that a value of parameter (P) obtained according to an equation $P = T(5 + \log t)$, wherein T is a heating temperature (°K) and t is a heating retaining time (minute), is $3.5-6.0 \times 10^3$.



6. (canceled)

7. (canceled)

8. (canceled)